



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live.

Joseph E. Kernan
Governor

Lori F. Kaplan
Commissioner

November 21, 2003

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.in.gov/idem

TO: Interested Parties / Applicant

RE: OmniSource Corporation / 003-18120-00283

FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision – Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
FNPER-AM.dot 9/16/03

November 21, 2003

Mr. David Frebel
OmniSource Corporation
1610 North Calhoun Street
Fort Wayne, Indiana 46808

Re: 003-18120
First Administrative Amendment to
FESOP 003-15596-00283

Dear Mr. Frebel:

OmniSource Corporation, located at 2511 Taylor Street, Fort Wayne, Indiana 46802 was issued a FESOP on September 18, 2002 for a scrap metal recycling facility. A letter requesting a change in the FESOP was received on October 20, 2003. The change qualifies as an administrative amendment which "adds an emission unit or units of the same type that are already permitted and that will comply with the same applicable requirements and permit terms and conditions as the existing emission units". Pursuant to the provisions of 326 IAC 2-8-10 the permit is hereby administratively amended as follows (additions are **bolded** and deletions are ~~struck through~~ for emphasis):

- (1) ~~Five (5)~~ **Six (6)** grinders, identified as PG-1, PG-2, SG-1, SG-2, ~~and SG-3,~~ **and SG-4** with one (1) **twin cyclone, identified as CY-2** and one (1) baghouse, identified as C-1, for particulate control, exhausting at stack B-2;
- (2) ~~Four~~ **Five (5)** air tables, identified as T-1 through ~~T-4~~ **T-5**, with one (1) twin cyclone, identified as CY-1 and one (1) baghouse, identified as M-1, for particulate control, exhausting at stack B-1.

Section D.1 will be amended to incorporate the above changes:

Facility Description [326 IAC 2-8-4(10)]:

- (a) One (1) wire reclamation system, with a capacity of 18,000 pounds of aluminum and copper per hour, consisting of the following:
 - (1) ~~Five (5)~~ **Six (6)** grinders, identified as PG-1, PG-2, SG-1, SG-2, ~~and SG-3,~~ **and SG-4** with one (1) **twin cyclone, identified as CY-2** and one (1) baghouse, identified as C-1, for particulate control, exhausting at stack B-2;
 - (2) ~~Four~~ **Five (5)** air tables, identified as T-1 through ~~T-4~~ **T-5**, with one (1) twin cyclone, identified as CY-1 and one (1) baghouse, identified as M-1, for particulate control, exhausting at stack B-1.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

No emission increase will result from these two (2) emission units, as the emission calculation done in the FESOP was based on the worst case using the baghouse grain loading and maximum air flow rate capacity information.

All conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Aida De Guzman at (800) 451-6027, press 0 and ask for extension (3-4972), or dial (317) 233-4972.

Sincerely,

Original signed by

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments

APD

cc: File - Allen County
U.S. EPA, Region V
Allen County Health Department
Air Compliance Section Inspector - Jennifer Dorn
Compliance Data Section - Karen Nowak
Administrative and Development
Technical Support and Modeling - Michele Boner

**FEDERALLY ENFORCEABLE STATE
OPERATING PERMIT (FESOP)
OFFICE OF AIR QUALITY**

**OmniSource Corporation
2511 Taylor Street
Ft. Wayne, Indiana 46802**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: F003-15596-00283	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: September 18, 2002
First Administrative Amendment: 003-18120	Pages Affected: 4, 22
Issued by:Original signed by Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date:November 21, 2003

SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-8-3(b)]

The Permittee owns and operates a scrap metal recycling operation.

Authorized individual:	David Frebel
Source Address:	2511 Taylor Street, Fort Wayne, Indiana 46802
Mailing Address:	1610 N. Calhoun Street, Fort Wayne, Indiana 46808
SIC Code:	5093
Source Location Status:	Allen County
County Status:	Attainment for all criteria pollutants
Source Status:	Federally Enforceable State Operating Permit (FESOP)
	Minor Source, under PSD;
	Major or Minor Source, Section 112 of the Clean Air Act
	Not 1 of 28 Source Categories

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

This stationary source consists of the following permitted emission units and pollution control devices:

- (a) One (1) wire reclamation system, with a capacity of 18,000 pounds of aluminum and copper per hour, consisting of the following:
 - (1) Six (6) grinders, identified as PG-1, PG-2, SG-1, SG-2, SG-3, and SG-4 with one (1) twin cyclone, identified as CY-2 and one (1) baghouse, identified as C-1, for particulate control, exhausting at stack B-2;
 - (2) Five (5) air tables, identified as T-1 through T-5, with one (1) twin cyclone, identified as CY-1 and one (1) baghouse, identified as M-1, for particulate control, exhausting at stack B-1.

A.3 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-8-3(c)(3)(I)]

This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21)(B), with potential uncontrolled emissions of PM10 less than five (5) pounds per hour or twenty-five (25) pounds per day:

- (a) One (1) metal alloy chip recycling system consisting of the following equipment:
 - (1) One (1) crusher, with a capacity of 6,000 pounds of metal per hour;
 - (2) One (1) bin with a capacity of 20 tons of metal turnings;
 - (3) One (1) bin with a capacity of 40 tons of crushed metal.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]:

- (a) One (1) wire reclamation system, with a capacity of 18,000 pounds of aluminum and copper per hour, consisting of the following:
- (1) Six (6) grinders, identified as PG-1, PG-2, SG-1, SG-2, SG-3, and SG-4 with one (1) twin cyclone, identified as CY-2 and one (1) baghouse, identified as C-1, for particulate control, exhausting at stack B-2;
 - (2) Five (5) air tables, identified as T-1 through T-5, with one (1) twin cyclone, identified as CY-1 and one (1) baghouse, identified as M-1, for particulate control, exhausting at stack B-1.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-8-4(1)]

D.1.1 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the allowable particulate emission rate from the facilities shall not exceed 17.87 pounds per hour when operating at a process weight rate of 9 tons per hour.

The pounds per hour limitation was calculated with the following equation:

Interpolation of the data for the process weight rate up to 60,000 pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67}$$

where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

D.1.2 FESOP Limits [326 IAC 2-8]

PM₁₀ emissions from the outlet of baghouses C-1 and M-1 shall not exceed an outlet grain loading of 0.0021 gr/dscf. For continuous operation at an exhaust rate of 28,500 and 37,247 acfm, respectively, this emission rate is equivalent to less than 5.18 tons of PM₁₀ from the entire source per twelve consecutive month period. Compliance with this limit makes 326 IAC 2-7 (Part 70 Permit Program) not applicable.

D.1.3 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and its control devices.

Compliance Determination Requirements

D.1.4 Testing Requirements [326 IAC 2-8-5(a)(1),(4)] [326 IAC 2-1.1-11]

During the period between 30 and 36 months after issuance of this permit, the Permittee shall perform PM and PM₁₀ testing on baghouses C-1 and M-1, utilizing methods as approved by the Commissioner. PM₁₀ includes filterable and condensable PM₁₀. Testing shall be conducted in accordance with Section C - Performance Testing.